

# TULSA FOUNDRY GROWS RAPIDLY

Iron, Brass and Aluminum Plant at Sand Springs Some Place

WORKS COVER 4 ACRES

Steel Building Housing General Foundry Is 323 Feet Long, 80 Feet Wide

Everybody knows Tulsa is the oil capital of the country. Lots of people even know that some of the finest livestock and blooded horses in the world are produced hereabouts, and there is a general suspicion that agriculture would be important in the vicinity if given a chance.

But comparatively few Tulsans know that this city is the home of probably the greatest iron, brass and aluminum foundry in the southwest.

Yet it is The Tulsa Stove & Foundry Co., located in the industrial suburb of Sand Springs, has grown in the 18 years of its existence from the most modest beginning imaginable to a big business employing nearly a hundred men. It was founded in 1912 and is still owned and operated by A. C. Spitznagel, who, before he came to Tulsa, had for 10 years been general superintendent and a stockholder in the Woods-Exeter Stove company of Springfield, Mo.

"Pouring Off" Great Sight. Great foundries are common enough in the manufacturing regions of the east and north, but out here they are rare. It is a sight indeed, if you've never seen it before, to go into a foundry in the afternoon at "pouring off" time and see the fiery liquid iron come streaming from the big cupolas into great ladles, then to be poured into moulds and transformed into pieces of all sizes and shapes and weighing all the way from one ounce or less up to many thousands of pounds.

Sometimes it's exciting as well as interesting when they pour off. In spite of the greatest precautions the molten mass occasionally "gets loose." That is, something goes wrong with the apparatus that check the flow. The molten iron then pours out of the cupola, when a ladle has been filled. On such occasions the molten metal comes madly out and it seems to come faster than ever. Quicker than you can imagine a wave of rampant metal is sweeping out over the dirt floor of the foundry and the moulders flee. Then the cupola tender gets in his work. He has anything more exciting to do than to break iron ordinarily, but at moments such as this he risks his life. He braves the onslaught of iron, sets up to within a few feet of the cupola, plugs the fiery mouth and then breathes easy again. In a few moments the smoke clears away, the moulders get back to their tasks and everything goes on much as before.

Many Improvements Made. It's a show well worth watching, this handling of iron. If you've never even it, get a party together any day and go out to the plant in Sand Springs any afternoon about 3 o'clock. The management will be glad to furnish a guide who'll explain the different processes and take you through the works.

The Tulsa Stove & Foundry Co. has made many important improvements and has greatly enlarged its plant in the last year or so. Foremost among these was the erection of the great steel structure that now houses the general foundry and machine shop. This building is 323 feet long and 80 feet wide. It is equipped with a five-ton crane traveling overhead the full length of the building, adding to the efficiency of pouring. The building also makes possible the handling of single castings weighing up to 20,000 pounds. The melting capacity is 17½ tons an hour. The general foundry also is equipped with air hammers and many other modern devices.

The whole plant has more than 50,000 feet of floor space, and in addition to the general iron foundry the company has an up-to-the-minute brass, bronze and aluminum foundry and a separate plant which manufactures window weights only. These additions have been made in the last few years and have helped the company to become one of the best producers in its line in this part of the country.

The window weight or sash weight department is located in a separate building and is capable of producing eight tons of sash weights per hour. This plant is equipped with two separate cupolas, one for the iron (or melted) as well as other necessary machinery.

The brass, bronze and aluminum foundry is equipped with a modern electric furnace, is capable of producing capacity to handle much more work than is required at present.

In connection with the three foundries the company has a pattern shop and a machine shop. In the pattern department highly skilled woodworkers turn out the patterns from which the moulds are made to receive the molten metal. The pattern department is equipped with a great deal more than does the product eventually turned out. Both pattern and machine shops are equipped with the latest machinery.

Cops Get Guns Fixed Up. The nickel-plating department, necessary for the finishing of certain parts of stoves, is very complete. This department is highly equipped with the police department. One day last week several members of the new Tulsa department took their trusty sixshooters out and had 'em nickel-plated. They were supplied with the shiny playthings when they came back that the others who are sure of their jobs are thinking of having their guns treated.

# In the Big Steel Plant of Foundry at Sand Springs



Above—Scene in general iron foundry of Tulsa Stove & Foundry Co. at Sand Springs, showing moulders, casting boxes, etc. Below—Scene in machine shop in front of same steel building.

plant is almost entirely devoted to the making of heavy castings. The stove work is now negligible, although a few moulders are still kept busy making stove plates.

Covers Wide Territory. The company does not confine its business to Tulsa and vicinity, but even to the oil fields and Oklahoma.

Here are some facts about the company and its plant: Capitalized for \$150,000 in 1921. Plant covers four acres. Has two railroad switches, one for unloading raw materials and one for loading out finished products. Trucks run back and forth to Tulsa and vicinity daily.

Officers of the company are: A. C. Spitznagel, president-manager-treasurer; J. C. Hinz, vice president; G. C. Spitznagel, secretary.

At the time it was sold the pig weighed 325 pounds and was the father of 30 pigs.

Denver—One hundred and fifty destitute Mexicans were made absolutely homeless here when the torch was applied to their hovels, erected on the edge of the city "dump," destroying the "squatter settlement."

The Mexicans built their unsanitary shacks from articles reclaimed from the dump, and even clothed and fed themselves from the refuse, police declared.

With the use of motion pictures geography and ethnology will be taught in Danzig's schools.

A touch raises the bones of new goggles for motorists out of the way to afford clear vision.

Power obtained from waterfalls will be used to electricity 6,000 kilometers of Italian railways.

Seventy-five men on payroll at present; capacity 500.

Makes lamp posts that light Tulsa streets, and also manhole castings for sewers.

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# ENGLISH LABOR LOSING POWER

Unemployment Wave Following War Depletes Union Ranks

LONDON — British labor has come upon hard times. Unemployment in Great Britain now is undergoing a period of severe test, due largely to after effects of the war and consequent unemployment.

The officers of the unions were not full at the end of the war, and during the past four years there have not been great replenishment of the union funds, despite the fact that there have been very heavy drains upon the treasuries of organized labor. Unemployment relief has depleted the treasuries of some of the unions, and there is now a great struggle to keep the organizations alive.

Labor leaders are inclined to intimate that this state of affairs is leading to a split, and that even now that capital is helping the unemployment situation along in order that unionism may be crushed. The labor movement in politics is also a source of trouble. Every laborer who has been in the army or navy during the war has a tendency to decrease the strength of the labor party. This weakening is in a large measure due to the communist movement, which has linked itself with the labor movement in many districts and has brought about a combination of opposition parties to fight communism.

Labor's Path Difficult. As the British labor movement finds its path more and more difficult there are evidences that there is an ever-widening rift between the British and American labor movements.

This was evidenced recently when there was some hint that British labor might be called upon to aid the American coal miners on strike. While the leaders of British labor were not willing to announce that they had no desire to aid the American strikers, the rank and file were quick to put up a protest and a protest of such strength that the leaders were extremely cautious in every movement they made toward aiding America.

This anti-American feeling in labor circles here is partly due to the fact that it is felt that if the Americans had rendered support the last British coal strike could have been won. Then there is a considerable amount of antagonism against labor unions here in his home land. On top of all this is perhaps a bit of jealousy on the part of the British, who see their American colleagues strong in the strength they built up during the war, while the British labor movement is threatened with dire disaster because of the war.

# Canadian Goods Reach \$600,000,000 Valuation

WINNIPEG, Man.—Manufactured products in the four western Canadian provinces had an approximate value of \$600,000,000 last year, according to the annual report of commercial organizations. This is five times greater than the aggregate value 10 years previous. Capital now invested in industry in the provinces is estimated at \$200,000,000.

Cities that are becoming industrial as well as agricultural centers include Winnipeg, Regina, Saskatoon, Prince Albert, Brandon, Edmonton and Vancouver.

# COLORADO HAS REAL CAVE MAN

Hermit Negro Has Lived 20 Years in Cave Near Cripple Creek

CRIPPLE CREEK, Colo.—The "Cave Man of the Rockies" has been discovered in the hills west of this city in the person of Dave Marsh, an 87-year-old negro.

For a score of years Marsh, a hermit, has lived practically a hermit life, making his abode in an underground tunnel of a hillside facing Mt. Pisgah, two miles west of Cripple Creek.

The tunnel, blasted from solid rock by some early day gold prospector, burrows into the mountain for a distance of more than 40 feet. The subterranean home of the aged negro was dark and damp and only about three feet high in its entire distance. Marsh does all his cooking over a stone fire at the entrance to the cave, and has to crawl on his hands and knees into the dark passage by the light of a candle to reach his tumbled-down bed.

Marsh, in his 20-year cave career, has developed an interesting philosophy of life. "A happy life near God" is the way he describes his lonely existence, and declares he would not forsake the cave for the "best house ever built by a white man," in proof of which he has refused to occupy a well-sanitized shack erected for him near the edge of the tunnel by the Teller county authorities.

Came West 30 Years Ago. Marsh says he was born in North Carolina and was raised in slavery. Nearly 20 years ago he came west, and in the lonely days of Cripple Creek he prospected for a time in the "greatest gold camp in the world," but had little success, and 20 years ago he founded the "happy home" of the "cave man" to become the original "Cave Man of the Rockies."

The old negro spends much of his time during the daylight hours reading the Bible, sitting at the entrance to his strange home. "I try to follow the teaching of the Holy Book," he declared. "I keep my brain clear by living near nature, and living in the open keeps me in good health."

The heavy snows and blizzards that descended upon Cripple Creek during the winter have had no terror for the cave man. After a severe storm he quietly slips himself out, removes the snow from around the cave mouth and rebuilds his fire over which his frugal meals are prepared, consisting chiefly of rabbit, birds and vegetables.

Arms Conference Baby Becomes Globe Trotter

LONDON—Kai Yuen, the infant son of Dr. Wellington Koo, Chinese minister to Great Britain, is setting up a record as a globe trotter. Kai Yuen, who was born in Washington during the armament conference, is leaving with his parents very shortly for a trip to China. On his arrival in China Kai Yuen will have achieved a record of travel for every week of his life.

Kai Yuen, which means "new era" was given his name by his father in celebration of the settlement of the armament issue at Washington.

Boy Scouts Serve as Officials for Hour

SPRINGFIELD, Ill.—Springfield's mayor and four city commissioners are to be seated from office May 4— for one hour. During that hour Boy Scouts, chosen at an election held by their post will have complete charge of the city government. Scouts will be appointed to relieve traffic cops for that day.

A New Mexico woman has patented a machine for shelling pinto nuts.

FREE FROM DREAD OF PILES NOW

Resident of Toledo, Ohio, Says He Was Entirely Cured by Simple Home Treatment.

After suffering from Piles many years, Mr. W. B. Moorhead, Toledo, Ohio, was restored to health by the remarkable discovery of W. B. Moorhead, Kansas City, Mo. Mr. Moorhead writes:

"I received your ten days' trial Pile Remedy and took it according to directions. It certainly did the work satisfactorily and now I feel entirely cured."

# Famous Beauty Regains Health and Strength through Ironized Yeast

"A Wonderful Help in Keeping My Figure Perfect" Says Beautiful Elsie La Bergere, in Telling of Her Amazing Restoration to Health.

"It was by purest accident that I picked up a package of Ironized Yeast just as I was about to give up the stage for a long needed rest. The results that it brought in me proved that it was just what I needed. For today I actually feel like a new born woman!"

Such is the amazing statement of Elsie La Bergere, known to vaudeville lovers all over the continent for the beauty of her figure. Miss La Bergere, for those unacquainted with her work, presents plastic poses in porcelain and marble, with her remarkable posing dogs. "My stage work," continued Miss La Bergere, "put such a severe strain on my nervous system that every performance became a hardship. I lost my appetite, and always felt tired and worn-out. Then I discovered Ironized Yeast—and I really can give enough praise to it. I find it keeps me absolutely fit in every way, and that it is a great help in keeping the shape of my body in wonderful condition. Ironized Yeast has a permanent place of honor in my traveling bag."

Ironized Yeast Can Help You, Too. If you need more flesh—if you are pale, lacking in energy—or if your complexion is discolored by humbling skin eruptions—try IRONIZED YEAST at once. Very likely you will be actually astonished at the improvement shown in you even after the first 48 hours. For IRONIZED YEAST embodies a remarkable new scientific process—a process which enables yeast to bring its splendid results out in just half the usual time!

How New Process Makes Yeast Doubly Effective. The reason plain yeast or ordinary "vitamine tablets" fail to produce 100% results is because most run-down people cannot fully assimilate the wonderful health-building elements found in yeast. Some other agent, it is found, is necessary in order to quickly convert these vital substances into rich red blood, strength and energy.

Iron, Science says, is of great value in converting the food we eat into living cells and tissue. So working on this process, Scientists finally discovered the amazing process of ironization. It is this process which helps us to derive from yeast all of the wonderful benefits it holds.

The Only Yeast That Is Genuinely Ironized. Bear in mind that not all combinations of yeast and iron will bring desired results. Yeast brings best and quickest results only when treated through the process of ironization. And this process is embodied only in IRONIZED YEAST, the one scientifically correct yeast treatment.

Money Back Guarantee. Get IRONIZED YEAST from your druggist today. Satisfactory results guaranteed from the first package—or your money instantly refunded.

FREE! While IRONIZED YEAST is sold at all druggists on our Satisfaction Guaranteed basis, those who wish may try it absolutely FREE. Simply mail the coupon. It will bring you the famous Three Day Trial Treatment. The results, even from this short test, will very likely surprise you. Send for it now.

72 Free Trial Coupon. The Ironized Yeast Co. Atlanta, Ga., Dept. 259. Please send me the famous THREE DAY FREE TRIAL TREATMENT of Ironized Yeast.

Name \_\_\_\_\_ Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Only One Trial Package to a Family

IRONIZED YEAST TABLETS. THE ONLY YEAST THAT IS GENUINELY IRONIZED

# Bat in Belfry of Theater Gives Opera Eerie Aspect

PHILADELPHIA—Famous halls of music and song of almost every land have their legends of specters which haunt them. Some are beneficent, others of evil portent. Philadelphia until recently possessed one with a sense of humor in the form of a bat which made the old academy of music his abode.

Normally Monsieur le Bat kept his own digressing backstage and hardly batted an eye at what went on out front before the footlights. His presence was only known to stage hands, who occasionally heard him clicking to himself somewhere in the murky recesses of the property rooms.

Verdi, Meyerbeer, Mendelssohn and others for years lulled the senses of the web-winged creature, and his ear had become accustomed to the loudest fortissimo of which the Philadelphia orchestra is capable. So long as home talent appeared upon the stage he was content to remain in seclusion.

But one night the Metropolitan Opera company of New York arrived, bringing with it the opera "Le Roi d'Ys" in its repertoire. The opera had never been presented in Philadelphia before, and as its opening and unfamiliar strains commenced to fill the vast building a pair of beady eyes flicked open indignantly and tiny teeth clicked together in rage.

And Just Then—The opera developed its theme, and Jeanne Gordon, and Frances Alda were holding the packed house enraptured in a duet, when suddenly above the heads of the audience came a whir of wings, and something black shot down from the roof in a dizzy nose-dive and whirled away, just missing the nose of a society leader.

A clicking chuckle from the bat, then another swoop.

On the stage Alda and Gordon sang on unperturbed by the furry flyer, but in the audience near-panic reigned. Women frantically clutched at their hair, while men, standing on chairs, struck at the winged creature with anything that came handy.

Unable to stop the performance by terrorizing the crowd in the auditorium, the bat headed at lightning speed straight for the two singers. For a minute it seemed as though he would dash into them, but at the

last fraction of a second he swerved and circled back.

The cloudburst of the blended voices sang on. Despairing, the bat whizzed out of sight behind the wings, and the opera continued undisturbed by his presence the rest of the evening.

But the next day tribulation came in the form of a wholesale hunt for the marauder. After a hot pursuit, feebly flitting, he was cornered and "batted out" by the stagehands.

The scene-shifters, however, maintained that they hear spectral clickings from the regions once the bat's domain. Practical persons speculate as to whether he is survived by a widow and children.

Mephisto, the academy cat, who anxiously lings fame by walking nonchalantly across the stage one night while Ghebe was strangled Deadmona, smiles knowingly and winks one eye.

Mellon Says He Keeps Young With Cigaretts

WASHINGTON—Andrew W. Mellon, secretary of the treasury, and second richest man in the country, is an inveterate smoker.

Mellon says he "keeps young" by smoking cigarettes. Visitors to his office at all hours of the day find him a picture of contentment, eyes amid the bundles of business he must dispose of daily.

Secretary Mellon's associates say he remarkably even temperament is due to the comfort he gets from tobacco.

His cigarettes are of a special brand and wrapped in brown paper. He is always well supplied.

Hawk Plays Stork, Delivering Baby Pig

BELVIDERE, Ill.—The strange incident of a hawk playing the role of a stork and depositing a live pig on the farm of H. C. Stanley, of Cherry Valley, was told at the sale of the porker after it had grown to killing size.

A dog on the Stanley farm noticed the hawk flying low over the farm, followed by a flock of crows. Chasing the strange spectacle, the dog frightened the hawk, and it dropped its prey. The baby pig was fed with a spoon until it grew

strong. At the time it was sold the pig weighed 325 pounds and was the father of 30 pigs.

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FREE \$2.00 Box Yeast Vitamine Tablets FREE! Pure Concentrated Vitamine Extract of Fresh Yeast. For Pale and Hollow Cheeks, Muddy, Pimply Complexions, Shrunken and Flabby Tissues, Drawn Faces and Scrawny Figures—Increases Weight, Strength and Energy—Rounds Out Angular Forms With Firm Flesh—Relieves Indigestion and Constipation—Brings Back the Vim and Vigor of Vibrant Health.

The Vitamine discovery marks the greatest advance of Medical Science. No more important aid to health has ever been found. The world's most eminent physicians and scientists are all agreed that "vitamines" are absolutely essential to human life. This is no new fangled idea, it is a scientific fact that has been positively determined by thousands of laboratory experiments.

Realizing the stupendous importance and value of this discovery to humanity and knowing that there isn't a household in America in which the need of vitamines is not present to some member thereof, we have arranged with the druggists of the country so that every person who wishes to enjoy better health may, for a limited time, upon the purchase of a bottle of Force Tonic, the greatest reconstructive known, obtain a \$2.00 package (twice the ordinary size) of Force Yeast Vitamine Tablets ABSOLUTELY FREE.

These tablets are the genuine yeast vitamine tablets, the highly concentrated vitamine extract of fresh yeast—nothing else—absolutely pure, unadulterated and uncombined with any drug. They contain the vitamines that science says are absolutely essential to your growth and development. Each tablet is chemically tested for strength and quantity, so that every tablet contains a definite amount of vitamines, insuring accordingly always a uniform result. Just take the coupon below to your druggist. Purchase a bottle of Force Tonic and he will give you a \$2.00 package (twice the regular size) of Force Yeast Vitamine Tablets ABSOLUTELY FREE. Take the combined treatment. The results will surprise you.

FREE \$2.00 COUPON. This coupon entitles you to a \$2.00 package (twice regular size) of Force Yeast Vitamine Tablets ABSOLUTELY FREE with the purchase of one bottle of Force Tonic, the greatest reconstructive known. In the event that your druggist does not have our Vitamine Tablets in stock, take advantage of our offer to supply you direct as set forth opposite this coupon. Use coupon TODAY.